

Please replace the first full paragraph of page 8 with the following:

Referring to Figure 5, which is a bar chart comparing the ultimate strength of multi-layer cloth assembly versus the number of plies, the ultimate strengths in warp and fill tear strengths and warp and fill tensile strengths are generally equal. This eliminates the need for plies at plus or minus 45 degrees to absorb shear loads. In addition, a six ply material has a thickness of only 0.035 inch, and it is flexible and crease resistant.

In the Abstract:

Please amend the abstract as follows:

This invention relates to airships, with a volume of 15 to 60 million cubic feet of Helium. More particularly, it relates to improved structural envelope/gas bags or outer covers for lighter-than-air and neutral buoyancy airships. In detail, the material is a multi-layer cloth assembly including at least two plies of fiber cloth, said cloth comprising 56 by 56 yarns/inch with a total weight of 150 to 450 g/m², with the fiber of the individual cloth layers having a denier generally between 180 and 280 and with the fill of the individual plies at 90 degrees to each other. Preferably, the filaments should be between 200 and 215 denier. The fibers of each layer of cloth are selected from the group consisting of extended chain polyethylene polymer or a thermotropic liquid (melt spun) crystalline polymer. The extended chain polyethylene fiber is a woven modified rip stop weave architecture, while the thermotropic liquid (melt spun) crystalline polymer fiber is a 2x2 basket weave architecture.

In the Claims:

Please amend Claims 1, 2 and 5 as follows:

1. (Amended) A helium impervious material for a wall of a flexible pressurized container comprising at least two plies of cloth, said cloth having a weight of 150 to 450 g/m², said cloth comprising fiber having a denier generally between 180 and 280 and the fill of the individual plies at 90 degrees to each other, said fibers of said cloth selected from the group consisting of extended chain polyethylene polymer in a rip stop